

Would the Office kindly enter the following amended claims.

1.(currently amended) A method for the treatment of pig manure using quarry fines, comprising the steps of:

separating said pig manure into a solids faction portion and a liquid faction portion;

mixing said liquid faction portion with said quarry fines for a period of time sufficient to reduce the phosphor content thereof; and

separating said liquid faction portion from said quarry fines to provide a liquid suitable for use as a fertilizer.

2.(currently amended) The method of Claim 1 wherein said quarry fines and liquid faction portion are mixed for at least 30 minutes.

3.(currently amended) The method of Claim 2 further including the step of measuring the nitrogen and phosphorus content of said pig manure prior to separating said waste water into a solids faction portion and liquid faction portion.

4.(previously presented) The method as defined in Claim 3 wherein the ratio of nitrogen to P_2O_5 is between 5 and 7.

5.(currently amended) The method of Claim 1 wherein said liquid faction portion is mixed with said quarry fines without any pre-treatment.

6.(previously presented) The method of Claim 1 wherein the step of separating said pig manure comprises the step of passing said liquid manure through an endless screw separator wherein the liquid pig manure is forced through a filter under a pressure.

7.(currently amended) The method of Claim 1 wherein said step of separating said pig manure into a solids faction portion and liquid faction portion comprises the step of

centrifuging said liquid pig manure.

8.(previously presented) The method of Claim 1 wherein the step of separating said liquid from said quarry fines comprises the step of placing said quarry fines on a sloping surface.

9.(previously presented) The method of Claim 2 wherein said treatment is carried out using mobile equipment at a farm producing said pig manure.

10.(cancelled)